Appl. No. 10/735,613

Amendment dated: September 26, 2005

Reply to OA of: June 24, 2005

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-5 (canceled).

6(currently amended). A permanent magnet ring formed by arranging a plurality of unit permanent magnets (21a, 21b, 21c ...), wherein each of the unit permanent magnets (21a, 21b, 21c ...) is formed in a cylindrical shape, a spherical shape, a flat shape, or a disc shape or the like, and a predetermined number of the unit permanent magnets (21a, 21b, 21c ...) are magnetically attracted to each other on respective side surfaces [[(R)]] so as to be formed in a ring shape, wherein each of a plurality of said unit permanent magnets (21a, 21b, 21c ...) is a rare earth magnet such as a neodymium iron boron magnet, a samarium cobalt magnet and the like, and is a uniaxial anisotropic magnet in which an N pole or an S pole is formed on one part of the side surface [[(R)]] orthogonal to an easily magnetizing direction (x - x), which is formed at a time of molding a raw material including a rare earth element in a magnetic field, by magnetizing along said easily magnetizing direction (x-x) after sintering, and the S pole or the N pole is formed on another part of the side surface [[(R)]] opposite to said one part of the side surface, the side surface [[(R)]], on which the magnetic poles of the unit permanent magnet are formed, is formed to be a curved surface, and a predetermined number of the unit permanent magnets (21a, 21b, 21c ...), which are the uniaxial anisotropic magnets, are magnetically attracted to each other in a line contact aspect or a point contact aspect on the curved side surfaces [[(R)]] on which the magnetic poles are formed, so as to be formed in a ring shape having a predetermined size.

7(currently amended). A permanent magnet ring as claimed in claim 6, wherein said unit permanent magnets (21a, 21b, 21c...) are formed in a circular cross sectional

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shape, and formed in a cylindrical shape as a whole, and a predetermined number of the unit permanent magnets (21a, 21b, 21c ...) are magnetically attracted to each other in a line contact aspect on the curved side surfaces [[(R)]] on which the magnetic poles are formed, so as to be formed in a ring shape.

8(currently amended). A permanent magnet ring as claimed in claim 6, wherein said unit permanent magnets (21a, 21b, 21c ...) are formed in a spherical shape, and a predetermined number of the unit permanent magnets (21a, 21b, 21c ...) are magnetically attracted to each other in a point contact aspect on the curved side surfaces [[(R)]] on which the magnetic poles are formed, so as to be formed in a ring shape.

9(currently amended). A permanent magnet ring as claimed in claim 6, wherein said unit permanent magnets (21a, 21b, 21c ...) are formed in a flat shape, and a predetermined number of the unit permanent magnets (21a, 21b, 21c ...) are magnetically attracted to each other in a line contact aspect on the curved side surfaces [[(R)]] on which the magnetic poles are formed, so as to be formed in a ring shape.

10(original). A permanent magnet ring as claimed in any one of claims 6, 7, 8 and 9, wherein a plated layer is formed on a surface of said unit permanent magnet, and a transparent siliceous coating layer is formed over the plated layer.

11(canceled).

12(new). The permanent magnet ring as claimed in claim 6, wherein the rare earth magnet is a neodymium iron boron magnet.

13(new). The permanent magnet ring as claimed in claim 6, wherein the rare earth magnet is a samarium cobalt magnet.